Approved For Release 2003/01/24 : CIA-RDP63-00313A000500050056-1

25X1A

25 February 1963

MENORALDUM FOR & The Record

SUBJECT

: CXCART Engine Foreign Coject Damage

25X1A

HEPLRINE

2232-63, dated 18 February 1963 Eltled "GKCART Engine Foreign Object Damege"

- 1. Since release of referenced monorandum, the following additional information concerning the engines involved has become available:
 - (a) field reports concerning 1-20 engines (4,820) and 64,8210 listed on the referenced assorandum as sustaining major demage requiring overhaul now indicate that the demage is minor and has been repaired in the field.
 - (b) Preliminary inspection findings reported by Pratt & Whitney indicate that the major damage sustained by J75 engine 612072 was caused by a small hard object. A screw or rivet is suspected.
 - (c) Preliminary inspection of D-20 engine 648212 conducted 22 February indicates primary damage caused by a relatively large object of from 1 1/2 to 2 1/2 inches in dismeter which broke down rapidly upon impact. Moderately extensive damage in first four compressor stages relative to noticeable lack of damage in aft five stages indicate complete decomposition of object at fourth stage or ejection of partially decomposed object through engine blood bypase system between fourth and fifth stages. Ground metallic particles found in turbine believed to result from damage mustained by compressor is being laboratory analyzed along with other unidentified debris and certain selected engine parts.

25X1A	Liney	
Davelor	ment A-II /	NATE TO U
	A-IA /	5.

25X1A	DD/GSA/	tre)
	Distribution:	

1 - 100/R

2 - AD/SA 3 - C/DD/CSA

1465 - DD/OCA

CONT

25X1A

6 - TAES/05A
Approved Ar Release 2003/01/24 : CIA-RDP63-00313A000500050056-1